

50

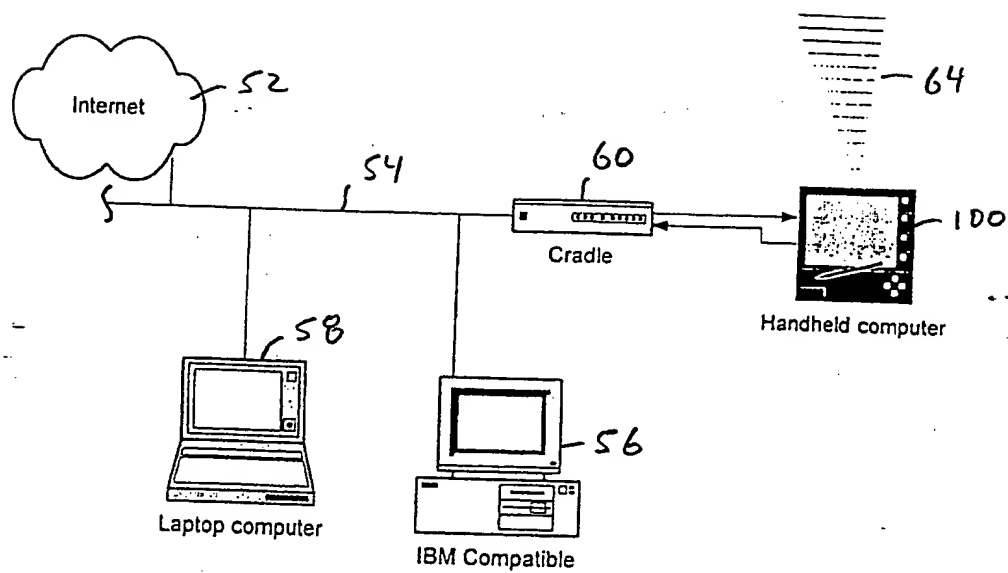


FIG. 1

100a

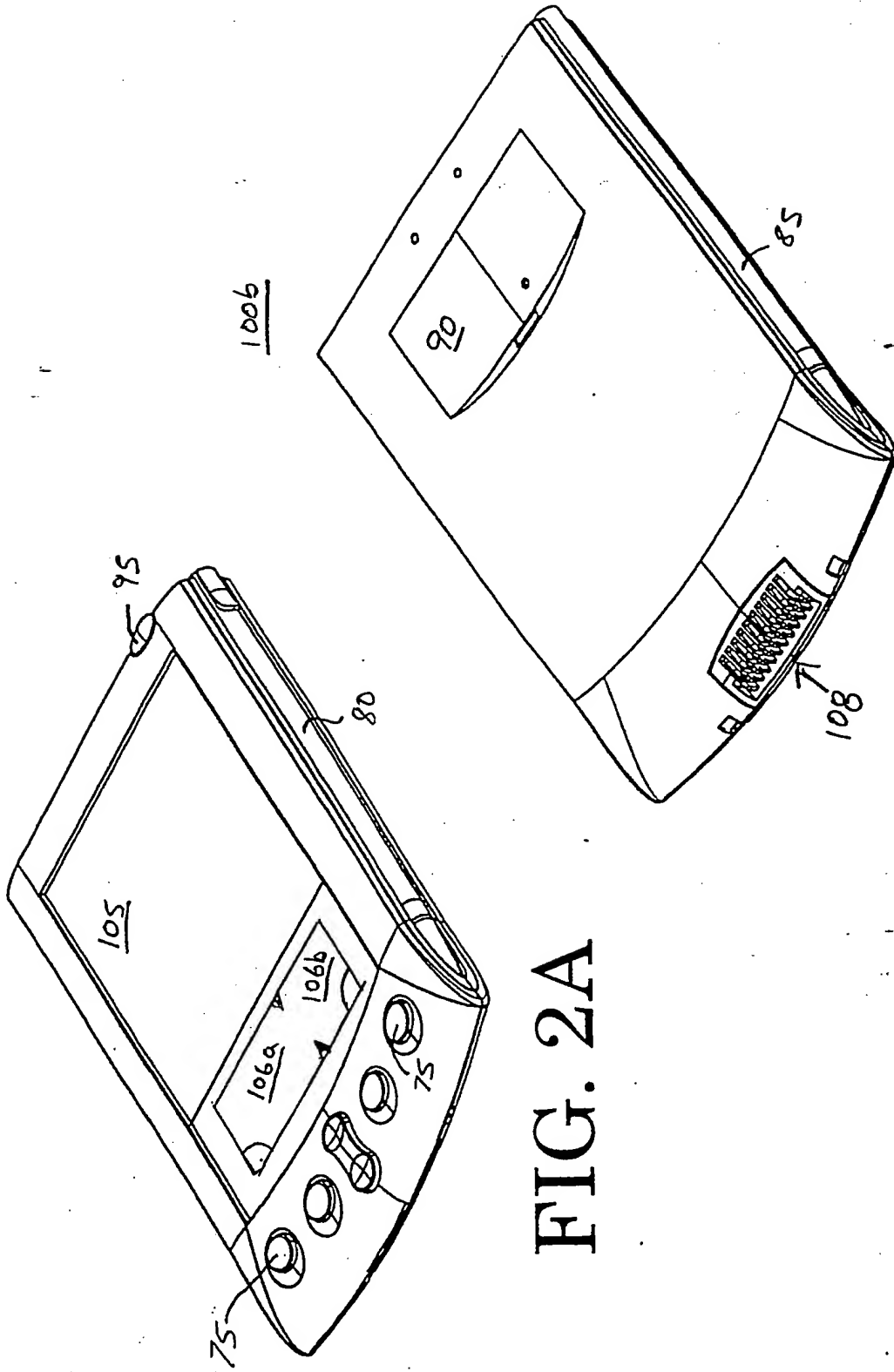


FIG. 2A

FIG. 2B

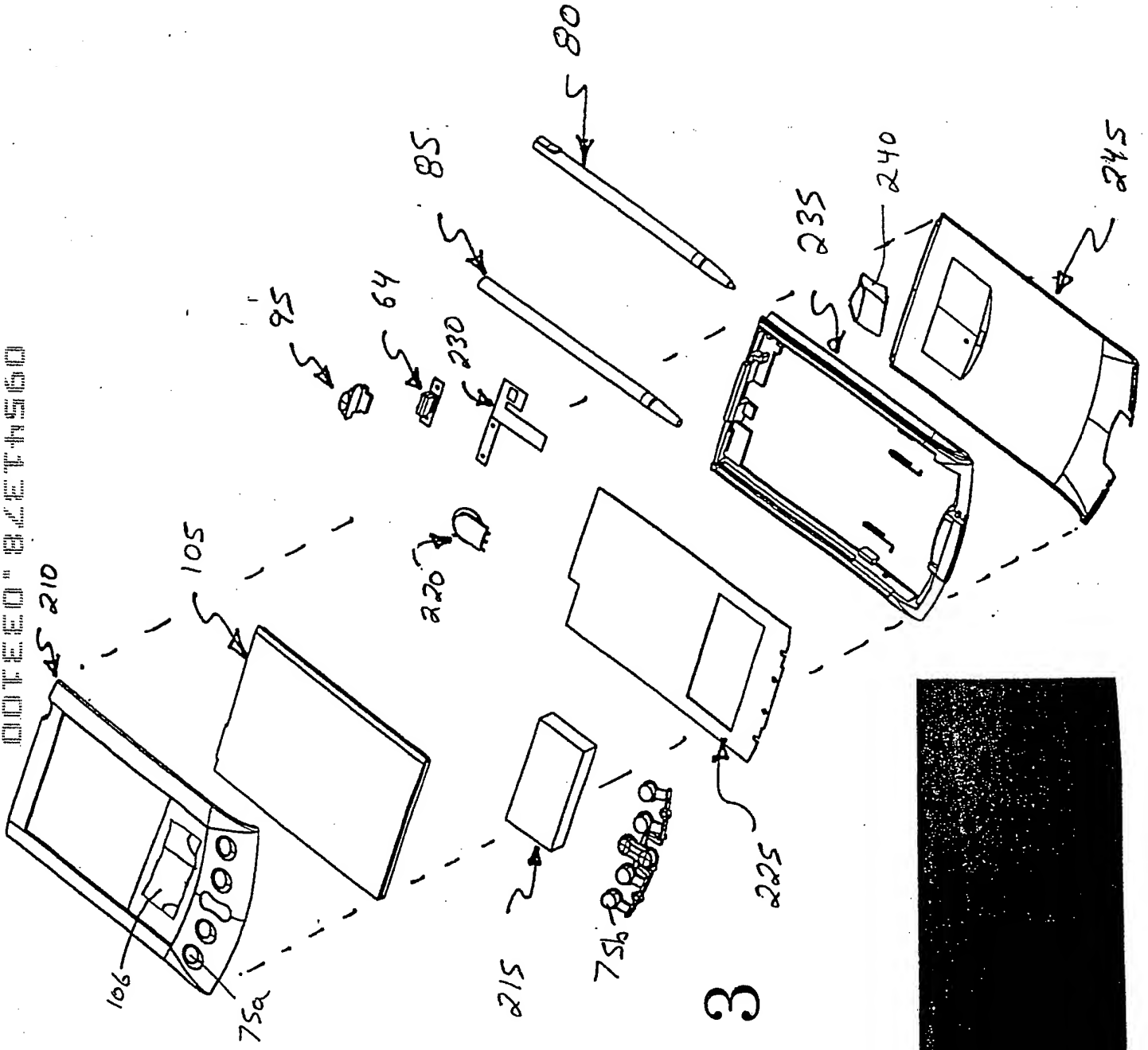


FIG. 3

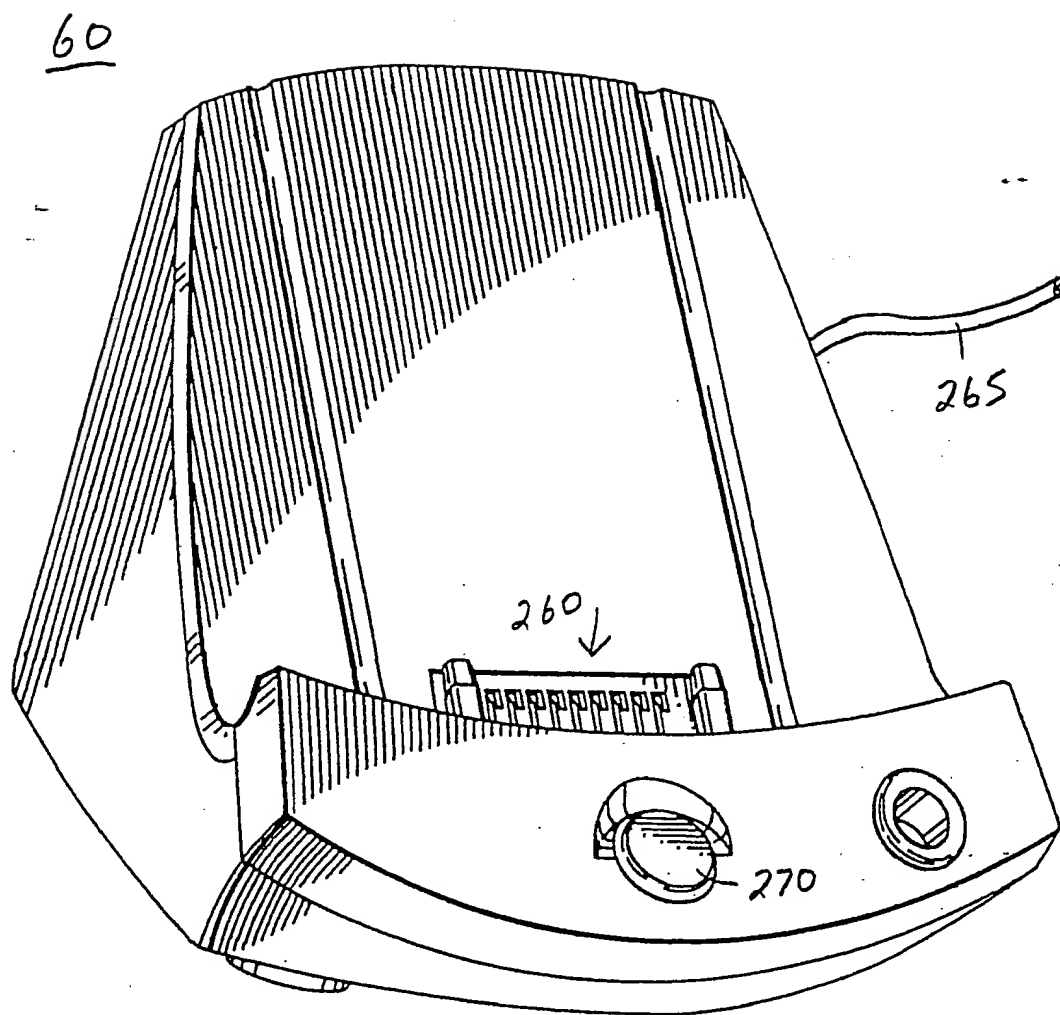
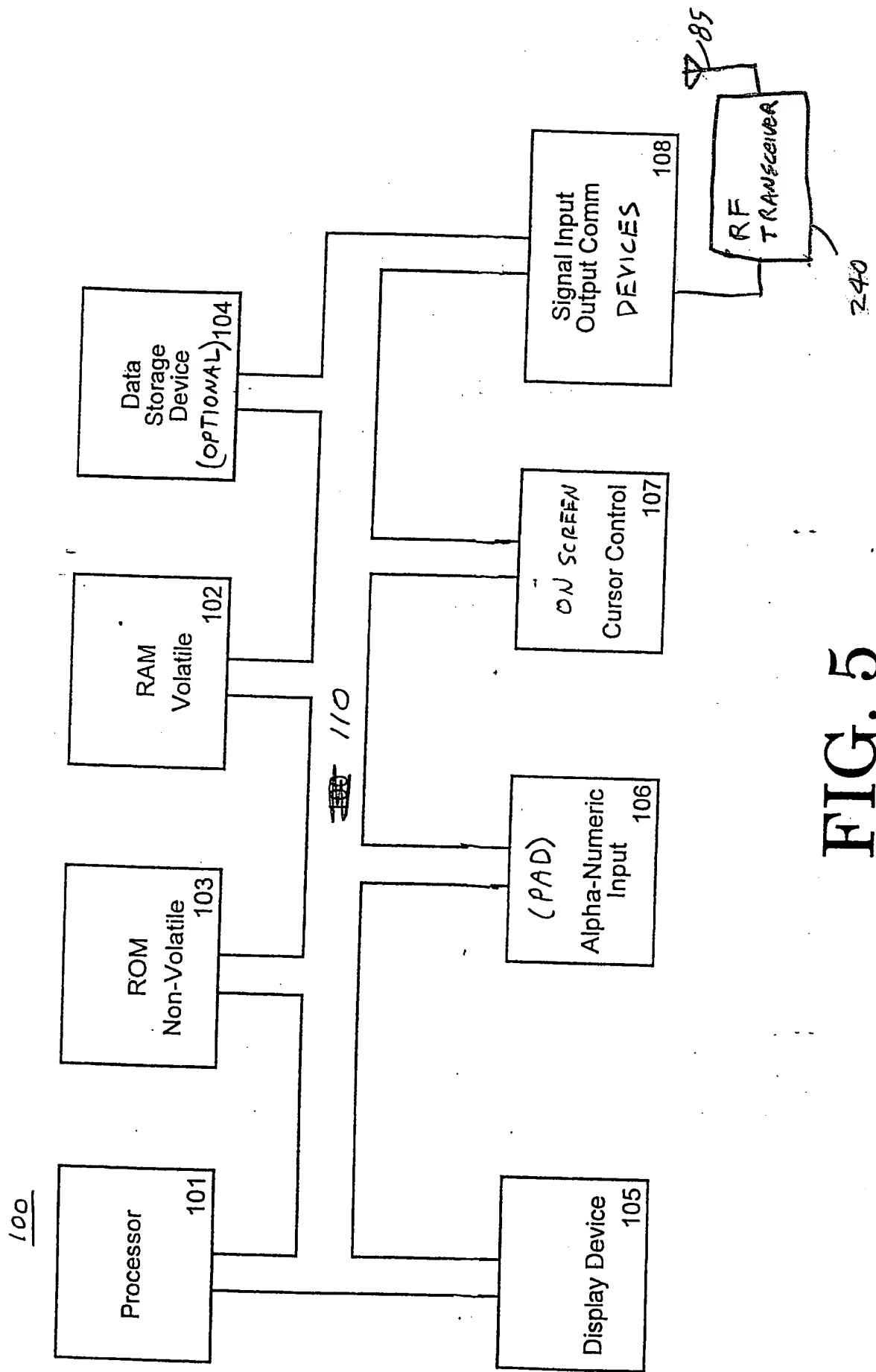


FIG. 4



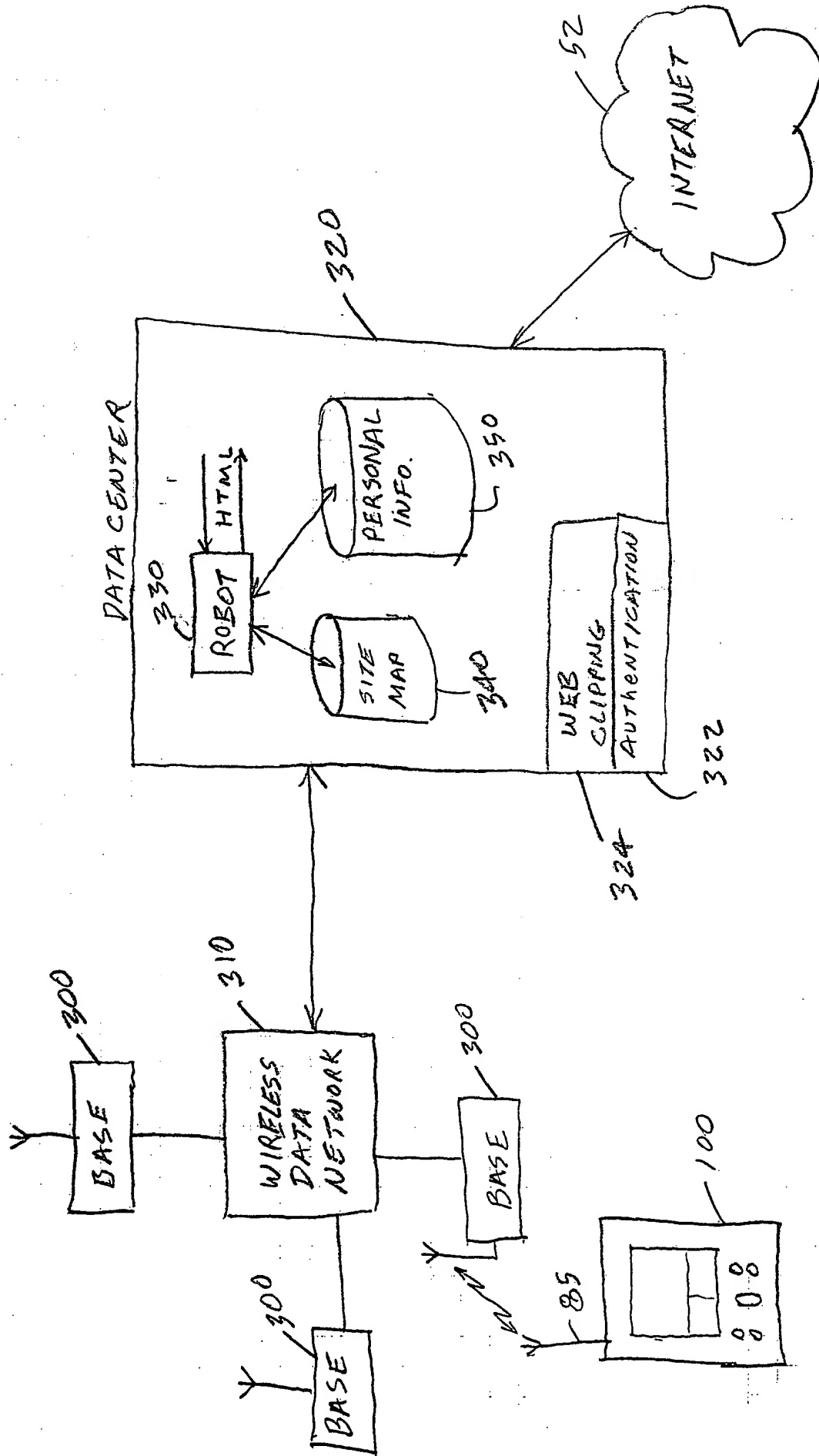


FIG. 6

370

TO COMPLETE THIS TRANSACTION, PROVIDE THE FOLLOWING INFORMATION:

FIRST NAME 370A

LAST NAME 370B

EMAIL ADDRESS 370C

...

CREDIT CARD # 370D

372

XYZNEWS.COM/ORDERFORM/

HTML

TO COMPLETE THIS TRANSACTION, PROVIDE THE FOLLOWING INFORMATION:

FIRST NAME 370A WILLIAM

LAST NAME 370B SMITH

EMAIL ADDRESS 370C WES@123.NET

...

CREDIT CARD # 370D 123456789

372

XYZNEWS.COM/ORDERFORM/

HTML

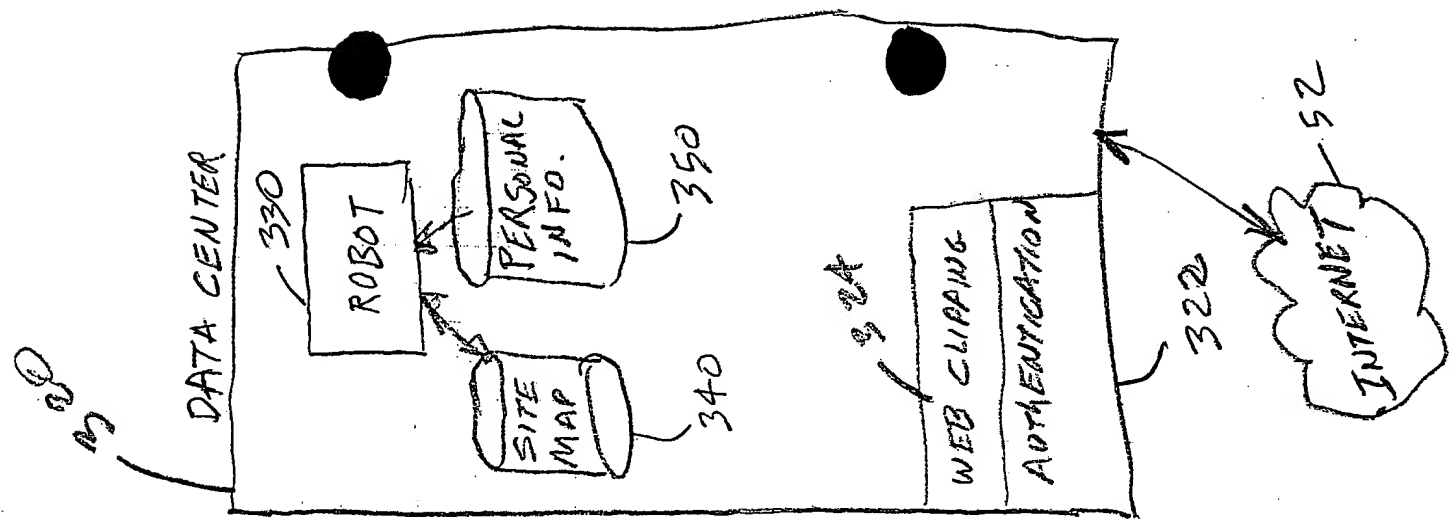


FIG. 7

```

graph TD
    400[PALMTOP PRESENTS WEB CLIPPING OF FRAMES REQUIRED TO COMPLETE A TRANSACTION] --> 404{PALMTOP INSTRUCTED TO POPULATE FRAMES?}
    404 -- NO --> 408a([STOP])
    404 -- YES --> 412[PALMTOP TRANSMITS REQUEST TO DATA CENTER WITH PAGE ADDRESS AND ID]
    412 --> 416{DATA CENTER AUTHENTICATES?}
    416 -- NO --> 408b([STOP])
    416 -- YES --> 420[ROBOT PROGRAM IDENTIFIES WEB CLIPPING FRAMES FROM SITE MAP DATABASE AND PULLS PERSONAL INFORMATION FROM PERSONAL INFORMATION DATABASE]
    420 --> 424[DATA CENTER TRANSMITS PERSONAL INFORMATION BACK TO PALMTOP]
    424 --> 430[PALMTOP POPULATES WEB CLIPPING FRAMES WITH PERSONAL INFORMATION]
    430 --> 434{PALMTOP INSTRUCTED TO COMPLETE TRANSACTION BY USER?}
    434 -- NO --> 408c([STOP])
    434 -- YES --> 438[PALMTOP TRANSMITS POPULATED FRAMES TO COMPLETE TRANSACTION]
  
```

Fig. 8